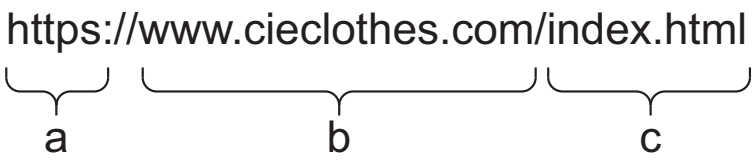
6 An online clothing company has a homepage at the uniform resource locator (URL) https://www.cieclothes.com/index.html

(a) Write down the **three** different parts of the URL shown by the labels a, b and c.



a ..... b ..... c .....

[3]

(b) The web pages are stored on a web server. A proxy server is used to stop distributed denial of service (DDoS) attacks on the web server.

Describe how the proxy server can stop a DDoS attack reaching a web server.

.....

.....

.....

.....

.....

..... [3]

(c) Customers use the website to buy clothing from the company.

Complete the table with the missing terms and descriptions about retrieving and displaying web pages.

Term	Description
hypertext markup language (HTML)	....
domain name server (DNS)	....
.....	It is a numerical address used to locate the web server.
.....	It is a secure protocol that can be used to transmit data sent to and received from a web server.
.....	It is a piece of software that is used to display web pages.

[5]

(d) The clothing company uses cookies to store customer details.

Complete the statements about cookies.

Use terms from the list. **Not** all terms need to be used. You should only use a term once.

asymmetric DNS dynamic persistent session

static symmetric user utility software web browser

Cookies are stored and managed by the ..... .

..... cookies are temporary files that are created when a user visits a web page.

..... cookies are permanent files that are created when a user visits a web page.

[3]